

BEST AVAILABLE COPY

1615

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/496,231

DATE: 09/12/2000
 TIME: 12:45:56

Input Set : A:\ES.txt
 Output Set: N:\CRF3\09122000\I496231.raw

Does Not Comply
 Corrected Diskette Needed

4 <110> APPLICANT: Hubbell, Jeffrey A.
 5 Elbert, Donald
 6 Lutolf, Matthias
 7 " Pratt, Alison
 8 Schoenmakers, Ronald
 9 Tirelli, Nicola
 10 Vernon, Brent
 12 <120> TITLE OF INVENTION: BIOMATERIALS FORMED BY NUCLEOPHILIC ADDITION REACTION TO CONJUGATED
 13 UNSATURATED GROUPS
 16 <130> FILE REFERENCE: 50154/002002
 18 <140> CURRENT APPLICATION NUMBER: 09/496,231
 19 <141> CURRENT FILING DATE: 2000-02-01
 21 <150> PRIOR APPLICATION NUMBER: 60/118,093
 22 <151> PRIOR FILING DATE: 1999-02-01
 24 <160> NUMBER OF SEQ ID NOS: 72
 26 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

108 <210> SEQ ID NO: 6
 109 <211> LENGTH: 15 *13 shown*
 110 <212> TYPE: PRT
 111 <213> ORGANISM: Artificial Sequence
 113 <220> FEATURE:
 114 <223> OTHER INFORMATION: Based on Homo sapiens
 116 <221> NAME/KEY: VARIANT
 117 <222> LOCATION: (1)...(15)
 118 <223> OTHER INFORMATION: Xaa at positions 2-6 and 8-12 is any amino acid except Cys or Tyr; Xaa at
 119 position 1 is acetylated Tyr
 121 <400> SEQUENCE: 6
 WOK 122 Xaa Xaa Xaa Xaa Xaa Xaa Tyr Xaa Xaa Xaa Xaa Xaa Tyr
 E--> 123 1 5 10
 297 <210> SEQ ID NO: 21
 298 <211> LENGTH: 5
 299 <212> TYPE: PRT
 300 <213> ORGANISM: Artificial Sequence
 302 <220> FEATURE:
 303 <223> OTHER INFORMATION: Based on Homo sapiens
 305 <400> SEQUENCE: 21
 306 Gln Val Lys Asp Asn Glu
 E--> 307 1 5
 706 <210> SEQ ID NO: 55
 707 <211> LENGTH: 14
 708 <212> TYPE: PRT
 709 <213> ORGANISM: Artificial Sequence
 711 <220> FEATURE:

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RAW SEQUENCE LISTING
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712 <223> OTHER INFORMATION: Based on Homo sapiens
714 <400> SEQUENCE: 55
E--> 715 Lys bAla Phe Ala Lys Leu Ala Ala Arg Leu Tyr Arg Lys Ala
716 1 5 10
936 <210> SEQ ID NO: 71
937 <211> LENGTH: 17
938 <212> TYPE: PRT
939 <213> ORGANISM: Artificial Sequence
941 <220> FEATURE:
942 <223> OTHER INFORMATION: Based on Homo sapiens
944 <400> SEQUENCE: 77 Same error
E--> 945 Gly Cys Gly Lys bAla Phe Ala Lys Leu Ala Ala Arg Leu Tyr Arg Lys
946 1 5 10 15
947 Ala
950 <210> SEQ ID NO: 72
951 <211> LENGTH: 5
952 <212> TYPE: PRT
953 <213> ORGANISM: Artificial Sequence
955 <220> FEATURE:
956 <223> OTHER INFORMATION: Based on Homo sapiens
958 <221> NAME/KEY: VARIANT
959 <222> LOCATION: (1)...(5)
960 <223> OTHER INFORMATION: Xaa is any amino acid
962 <400> SEQUENCE: 72
OK 963 Xaa Xaa Xaa Xaa Tyr
964 1 5
E--> 965 17
E--> 967 17

```

delete "b" - do not show
modification in
the sequence itself -

appear in
C2207-C2237
section

misaligned amino acid nos.

(see item 4
on Eva summary
sheet)

delete at end of file

FYI

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/496,231

DATE: 09/12/2000
TIME: 12:45:57

Input Set : A:\ES.txt
Output Set: N:\CRF3\09122000\I496231.raw

L:41 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:73 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:123 M:252 E: No. of Seq. differs, <211>LENGTH:Input:15 Found:13 SEQ:6
L:138 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:307 M:252 E: No. of Seq. differs, <211>LENGTH:Input:5 Found:6 SEQ:21
L:631 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:649 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:715 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:715 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66
L:885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68
L:945 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:945 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:963 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72
L:965 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:72
M:332 Repeated in SeqNo=72